**FORM PTO - 1449** 

INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: ACX-128CP

APPLICANTS: Spangler et al.

SERIAL NO.: 09/803,320

FILING DATE: March 9, 2001

GROUP: 2834

U.S. PATENT DOCUMENTS

EXAM. INIT.	ADE	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AM	A1	4,054,808	10/77	Tanaka	310	366	\$800 2018
1	A2	4,240,002	12/80	Tosi et al.	310	324	5 28 0 MA!
	A3	4,363,991	12/82	Edelman	310	338	S 28 2001 HAIL ROOM
1	A4	4,458,173	7/84	Kaufman et al.	310	330x	11 ROG
	A5	4,461,179	07/84	Holt	73	658	3
	A6	4,578,611	03/86	Sadler	310	338	
	Α7	4,611,141	09/86	Mahada et al.	310	334	
	A8	4,651,310	03/87	Kaneko et al.	310	800	
	A9	4,680,595	07/87	Cruz-Uribe et al.	346	140	1
	A10	4,732,351	03/88	Bird	310	800	
	A11	4,742,264	5/88	Ogawa	310	332	
	A12	4,761,582	08/88	McKee	310	322	
	A13	4,849,668	07/89	Crawley et al.	310	328	
	A14	4,857,887	08/89	Iten	310	340	
	A15	4,864,179	09/89	Lapetina et al.	310	366	
	A16	4,914,565	04/90	Schnoeller et al.	310	366	
	A17	5,305,507	04/94	Dvorsky et al.	310	340	
	A18	5,315,203	05/94	Bicos	310	358	
	A19	5,404,067	4/95	Stein et al.	310	330	
	A20	5,415,175	05/95	Hanafy et al.	128	662.03	
	A21	5,438,998	08/95	Hanafy	128	662.03	
	A22	5,493,541	02/96	Snyder	367	155	
V	A23	5,632,841	05/97	Hellbaum			

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EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
Am	A24	5,656,882	08/97	Lazarus et al.	310	328		
	A25	3,573,511	4/71	Noren et al.	310	8.6		
	A26	3,582,691	6/71	Sonderegger et al.	310	8.4		
	A27	4,194,194	3/80	Redfern	340	566		
	A28	4,976,415	12/90	Murai et al.	267	136		
	A29	5,030,007	7/91	Calhoun et al.	356	346		
	A30	5,042,784	8/91	Murai	267	136		
	A31	5,285,995	2/94	Gonzalez et al.	248	550		
	A32	5,379,980	1/95	Houghton et al.	248	550		
	A33	5,448,232	9/95	Tyburski	340	933		
	A34	5,458,222	10/17/95	Pla Frederic G et al.	188	378	7	
	A35	5,473,214	12/95	Hildebrand	310	321	20	
	A36	5,525,853	6/96	Nye et al.	310	316	2800 300	
	A37	5,579,084	11/96	Takahashi et al.	355	53	7 8 8 P. A.	
	A38	5,622,748	4/97	Takeuchi et al.	427	100	VE ZOO	
	A39	5,650,853	7/97	Honda	356	359	VED 2001 Room	
	A40	5,656,882	8/12/97	Lazarus et al				
	A41	5,687,462	11/18/97	Lazarus et al		_		
	A42	5,765,800	6/98	Watanabe et al	248	550		
	A43	5,802,966	9/98	Schoch	100	35		
	A44	5,881,987	3/99	Hara	248	550		
	A45	5,894,651	4/99	Dvorsky et al.	310	344	12/23/93	
	A46	6,008,881	12/99	Warmerdam et al.	355	53		
	A47	6,031,598	2/00	Hara	248	550		
	A48	6,060,813	5/00	Nowak	310	314		
	A49	6,062,551	5/00	Oku et al.	267	140		
	A50	6,069,433	5/30/00	Lazarus et al				
Y	A51	6,069,683	5/00	Iwamoto	355	53		

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	DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
B1	1370164	10/74	G.B.	310	324			
B2	24 35 910	2/75	German	310	324			
В3	0 005 265	11/14/79	EP					
B4	WO 91/12953	09/91	PCT					
B5	03265734	11/26/91	JP					
B6	06053114	2/25/94	JP					
B7	9520827	8/3/95	wo				·	
B8	2181598	8/3/95	CA					70
В9	1834895	8/15/95	AU					28
B10	08326835	12/10/96	JP					00 65
B11	9506656	9/16/97	BR				3	8 [
B12	9511100	11/4/97	JP				2	200
B13	11008181	1/12/99	JP	_		,	70°	
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ОТН	ER DOCUMEN	TS: (Including	g Author, Title	e, Date, Re	levant Pag	es, Place of	Publication)	
C1 R/flex Circuit Materials Product Data Sheet DS20903J, "Flex-I-MID 3000, High Performance Adhesiveless Circuit Materials", by Rogers Corporation, Microwave and Circuit Materials Division.								
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	B2 B3 B4 B5 B6 B7 B8 B9 B10 B11 B12 B13	NUMBER  B1 1370164  B2 24 35 910  B3 0 005 265  B4 WO 91/12953  B5 03265734  B6 06053114  B7 9520827  B8 2181598  B9 1834895  B10 08326835  B11 9506656  B12 9511100  B13 11008181  OTHER DOCUMEN  C1 R/flex Circuit A Circuit Materia	NUMBER         B1       1370164       10/74         B2       24 35 910       2/75         B3       0 005 265       11/14/79         B4       WO 91/12953       09/91         B5       03265734       11/26/91         B6       06053114       2/25/94         B7       9520827       8/3/95         B8       2181598       8/3/95         B9       1834895       8/15/95         B10       08326835       12/10/96         B11       9506656       9/16/97         B12       9511100       11/4/97         B13       11008181       1/12/99         OTHER AI         OTHER DOCUMENTS: (Including Circuit Materials Produc Circuit Materials Produc Circuit Materials Produc Circuit Materials Produc Circuit Materials Product Circuit Materi	NUMBER         CODE           B1         1370164         10/74         G.B.           B2         24 35 910         2/75         German           B3         0 005 265         11/14/79         EP           B4         WO 91/12953         09/91         PCT           B5         03265734         11/26/91         JP           B6         06053114         2/25/94         JP           B7         9520827         8/3/95         WO           B8         2181598         8/3/95         CA           B9         1834895         8/15/95         AU           B10         08326835         12/10/96         JP           B11         9506656         9/16/97         BR           B12         9511100         11/4/97         JP           OTHER ART, JOURN           OTHER ART, JOURN           OTHER ART, JOURN           OTHER Art of circuit Materials Product Data Sheet in Circuit Materia	NUMBER   CODE	NUMBER	NUMBER	NUMBER

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INII.		NUMBER DATE NAM						CLASS	CLASS		APPROPRIATE	
XY	A52	3,582,691	06/71	Sono	leregge	r et al.		310 8.4		8.4		
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